

Parameter	Unit	Value	Unit	Value	Unit	Value	Unit	Value
Temperature	°C	25.0	°C	25.0	°C	25.0	°C	25.0
Pressure	mmHg	760	mmHg	760	mmHg	760	mmHg	760
Humidity	%	50	%	50	%	50	%	50
Flow rate	L/min	10	L/min	10	L/min	10	L/min	10
Concentration	mg/L	100	mg/L	100	mg/L	100	mg/L	100
pH		7.0		7.0		7.0		7.0
Time	min	60	min	60	min	60	min	60
Volume	L	1.0	L	1.0	L	1.0	L	1.0
Mass	g	1.0	g	1.0	g	1.0	g	1.0
Energy	J	100	J	100	J	100	J	100
Power	W	10	W	10	W	10	W	10
Frequency	Hz	50	Hz	50	Hz	50	Hz	50
Wavelength	nm	400	nm	400	nm	400	nm	400
Intensity	W/m²	100	W/m²	100	W/m²	100	W/m²	100
Distance	m	1.0	m	1.0	m	1.0	m	1.0
Area	m²	1.0	m²	1.0	m²	1.0	m²	1.0
Volume	m³	1.0	m³	1.0	m³	1.0	m³	1.0
Mass	kg	1.0	kg	1.0	kg	1.0	kg	1.0
Energy	J	100	J	100	J	100	J	100
Power	W	10	W	10	W	10	W	10
Frequency	Hz	50	Hz	50	Hz	50	Hz	50
Wavelength	nm	400	nm	400	nm	400	nm	400
Intensity	W/m²	100	W/m²	100	W/m²	100	W/m²	100
Distance	m	1.0	m	1.0	m	1.0	m	1.0
Area	m²	1.0	m²	1.0	m²	1.0	m²	1.0
Volume	m³	1.0	m³	1.0	m³	1.0	m³	1.0
Mass	kg	1.0	kg	1.0	kg	1.0	kg	1.0
Energy	J	100	J	100	J	100	J	100
Power	W	10	W	10	W	10	W	10
Frequency	Hz	50	Hz	50	Hz	50	Hz	50
Wavelength	nm	400	nm	400	nm	400	nm	400
Intensity	W/m²	100	W/m²	100	W/m²	100	W/m²	100
Distance	m	1.0	m	1.0	m	1.0	m	1.0
Area	m²	1.0	m²	1.0	m²	1.0	m²	1.0
Volume	m³	1.0	m³	1.0	m³	1.0	m³	1.0
Mass	kg	1.0	kg	1.0	kg	1.0	kg	1.0
Energy	J	100	J	100	J	100	J	100
Power	W	10	W	10	W	10	W	10
Frequency	Hz	50	Hz	50	Hz	50	Hz	50
Wavelength	nm	400	nm	400	nm	400	nm	400
Intensity	W/m²	100	W/m²	100	W/m²	100	W/m²	100
Distance	m	1.0	m	1.0	m	1.0	m	1.0
Area	m²	1.0	m²	1.0	m²	1.0	m²	1.0
Volume	m³	1.0	m³	1.0	m³	1.0	m³	1.0
Mass	kg	1.0	kg	1.0	kg	1.0	kg	1.0
Energy	J	100	J	100	J	100	J	100
Power	W	10	W	10	W	10	W	10
Frequency	Hz	50	Hz	50	Hz	50	Hz	50
Wavelength	nm	400	nm	400	nm	400	nm	400
Intensity	W/m²	100	W/m²	100	W/m²	100	W/m²	100
Distance	m	1.0	m	1.0	m	1.0	m	1.0
Area	m²	1.0	m²	1.0	m²	1.0	m²	1.0

1. A wound covering pressure relieving pad comprising:
 - a. a shell, having a base with a periphery and a side projecting upwardly from said base adjacent to said periphery, wherein said base and said side form a cup contoured to accommodate a specified body part;
 - b. a platform, fixedly attached to said shell base such that said platform opposes said shell, said platform being composed of a resilient foam material; and
 - c. a means for reversibly securing said shell to said body part.
2. The pad of Claim 1 wherein said shell is composed of a resilient foam.
3. The pad of Claim 2 wherein said shell is composed of a viscoelastic foam material.
4. The pad of Claim 1 wherein said shell is composed of a plurality of layers of a resilient material, said layers being fixedly attached one to another, and each layer including an aperture sized and positioned to form the cup.
5. The pad of Claim 4 wherein said shell layers are composed of a viscoelastic foam material.

6. The pad of Claim 4 further including at least one non-continuous layer secured to said shell layers so as to form a rim on said cup, wherein said rim includes a recessed area.

7. The pad of Claim 1 wherein said platform is composed of a viscoelastic foam material.

8. The pad of Claim 1 wherein said platform is composed of a plurality of layers of a resilient material.

9. The pad of Claim 8 wherein said platform layers are composed of a viscoelastic foam material.

10. The pad of Claim 1 wherein said securing means is at least one strap, positioned between said shell and said platform.

11. The pad of Claim 10 wherein said strap is made of gauze, linen, low-denier cotton, low-denier polyester, or a combination thereof.

12. The pad of Claim 1 further including a exudate absorbing material fixedly secured within said cup.

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13. The pad of Claim 12 wherein said exudate absorbing material is a hydrophilic polyether polyurethane foam.
14. A wound covering pressure relieving pad comprising:
- a. a first layer of resilient material having an aperture of sufficient size to circumscribe a wound;
 - b. a second layer of resilient material fixedly attached to said first layer such that a cavity is formed; and
 - c. a means for reversibly securing said first layer to a patient's skin.
15. The pad of Claim 14 wherein said first layer is composed of a resilient foam.
16. The pad of Claim 15 wherein said first layer is composed of a viscoelastic foam material.
17. The pad of Claim 14 wherein said second layer is composed of a resilient material.
18. The pad of Claim 17 wherein said second layer is composed of a viscoelastic foam material.

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19. The pad of Claim 14 wherein said securing means is at least one strap, positioned between said first layer and said second layer.
20. The pad of Claim 19 wherein said strap is made of gauze, linen, low-denier cotton, low-denier polyester, or a combination thereof.
21. The pad of Claim 14 further including a exudate absorbing material fixedly secured within said cup.
22. The pad of Claim 21 wherein said exudate absorbing material is a hydrophilic polyether polyurethane foam.
23. The pad of Claim 14 further including at least one cavity layer having an aperture of sufficient size to circumscribe said wound, said cavity layer being fixedly attached to said first layer opposite said second layer.
24. The pad of Claim 14 further including at least one base layer fixedly attached to said second layer opposites said first layer.
25. A wound covering pressure relieving pad comprising:
- a. a layer of resilient material, having a first face and a second face;
 - b. a layer of adhesive, covering the first face of said resilient material;

- c. a layer of exudate absorbing material positioned on said adhesive layer; and
- d. a means for reversibly securing said absorbing material adjacent to a patient's skin.

26. The pad of Claim 25 wherein said resilient material is a viscoelastic material.

27. The pad of Claim 25 wherein said adhesive is a silicone based material.

28. The pad of Claim 25 wherein said exudate absorbing material is a hydrophilic polyether polyurethane foam.

29. The pad of Claim 25 wherein said securing means is at least one strap, positioned between said resilient material layer and said absorbing material layer.

30. The pad of Claim 25 wherein said absorbing material layer is smaller than said resilient material layer and said absorbing material layer is positioned on said resilient material layer so as to leave a band of adhesive exposed at the outer edge of said resilient material layer, and wherein the means for reversibly securing said absorbing material adjacent to a patient's skin is the band of adhesive.

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